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Notice of Allowability

Application No.

09/877,150

Examiner

John Elmore

Applicant(s)

HARDJONO, THOMAS P.

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2134

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 26 May 2005.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☒ The drawings filed on 6/8/2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 6/8/2001
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

1. In response to the previous office action, Applicant requests reconsideration by the Examiner. Claims 1-20 have been examined.

Allowable Subject Matter

2. **Claims 1-20 are allowed.**

The following is an examiner's statement of reasons for allowance:

Regarding claims 1, 8 and 15, the closest prior art, the modified system of Gong, Ko, and Reudink, does not explain distributing to the mobile device a set of cryptographic keys necessary to permit secure communications for the mobile device within each cell along the anticipated cell path.

Although Gong, Ko, and Reudink teach a management center (host) in the context of a mobile communications system operating over a plurality of geographic cells that determines an anticipated cell path of a mobile device from a current cell to a destination cell (Reudink, col. 2, lines 55-65; col. 7, line 21, through, col. 8, line 12), Gong, Ko, and Reudink do not explain that the management center is a key management center or that the center distributes a set of cryptographic keys, or any key, to a mobile device. Gong, Ko, and Reudink make no reference at all to a cryptographic key or to secure communications.

As such, it would not seem obvious to one of ordinary skill in the art to further modify the modified system of Gong, Ko, and Reudink to provide for the distribution of a

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set of cryptographic keys to the mobile device because Gong, Ko, and Reudink are motivated to determine the anticipated cell path in order to warn hosts in neighboring cells of the anticipated arrival of a mobile device and there is no suggestion by the prior art to depart from the system practiced widely in the art wherein each host negotiates secure communications upon arrival of the mobile device into the cell.

Claims 2-7, 9-14 and 16-20 are allowed by virtue of their dependence on allowed claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Elmore whose telephone number is 571-272-4224. The examiner can normally be reached on M 10-8, T-Th 9-7.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Greg Morse can be reached on 571-272-3838. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JE

A handwritten signature in black ink, appearing to read 'Greg Morse', is positioned above the official stamp.

GREGORY MORSE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2134